

Species Tag:	53007	Species Name:	C2H3NC
Version:	1		Vinyl isocyanide
Date:	Sept. 1995		
Contributor:	J. C. Pearson		

Lines Listed:	9362	Q(300.0)=	22773.670
Freq. (GHz) <	1000	Q(225.0)=	15271.762
Max. J:	60	Q(150.0)=	8437.069
LOGSTR0=	-10.0	Q(75.00)=	2987.428
LOGSTR1=	-10.0	Q(37.50)=	1056.547
Isotope Corr.:	0	Q(18.75)=	374.187
Egy. (cm <sup>-1</sup> ) >	0.0	Q(9.375)=	132.824
$\mu_a$ =	3.47	A=	51479.46
$\mu_b$ =	0.79	B=	5386.65
$\mu_c$ =		C=	4868.94

The experimental measurements were analyzed using the methods described in W. H. Kirchhoff, 1972, J. Mol. Spect. **41**, 333. The measurements were taken from: K. Yamada and M. Winnewisser, 1975, Z. Naturforsch. **30a**, 672-689. G. Bestmann and H. Dreizler, 1981, Z. Naturforsch. **37a**, 58-63.

The dipole moment was measured by K. Bolton, N. L. Owen, and J. Sheridan, 1970, Spectrochim. Acta **26 A**, 909.